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PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

January 7, 2005

Ayesha J. Shaikh

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. :	10/648,567	Confirmation No. :	4104
Applicant :	Troy A. Manning		
Filed :	August 25, 2003	Attorney Docket No.:	500444.04
Art Unit :	2133	Customer No.	: 27,076
Examiner :	Not Yet Assigned		
Title :	METHOD AND APPARATUS FOR GENERATING EXPECT DATA FROM A CAPTURED BIT PATTERN, AND MEMORY DEVICE USING SAME		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. A copy of the non-patent literature reference, as required under 37 C.F.R. § 1.98(a)(2), is enclosed. Copies of the cited U.S. patents will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

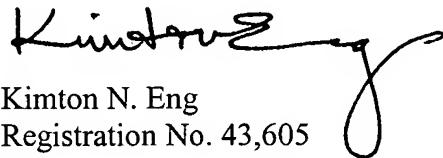
I hereby certify that no item set forth on the attached form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application or, to my

knowledge, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP



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KNE:ajs

Enclosures:

- Postcard
- Form PTO-1449
- Cited Reference (1)

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FORM PTO-1449
(REV.7-80)

JAN 10 2005

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500444.04APPLICATION NO.
10/648,567

INFORMATION DISCLOSURE STATEMENT

(Continental sheets if necessary)

APPLICANT(S)

Troy A. Manning

FILING DATE

August 25, 2003

GROUP ART UNIT

2133

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,463,337	10/31/95	Leonowich	327	158	
	AB	5,712,883	01/27/98	Miller et al.	375	371	
	AC	5,764,092	06/09/98	Wada et al.	327	271	
	AD	6,125,157	09/26/00	Donnelly et al.	375	371	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Park, D. et al., "Fast Acquisition Frequency Synthesizer with the Multiple Phase Detectors", IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, Vol. 2, May 1991. pp. 665-668.
AQ	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).